

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG 03/00043-0

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: G06T 7/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LUNDERVOLD, A. et al. Segmentation of Brain Parenchyma and Cerebrospinal Fluid in Multispectral Magnetic Resonance Images. Medical Imaging, IEEE Transactions, June 1995, Vol.14, Issue: 2, pages 339-349, ISSN 0278-0062. pages 334-345, section V.	53
Y	SCHNACK, H.G. et al. Automatic Segmentation of the Ventricular System from MR Images of the Human Brain. Neurolmage 2001, May 2001, Vol.14, pages 95-104 pages 95-99, fig. 1C.	1-10, 23, 28, 33, 36-38, 44-45, 50-52
Y	US 5262945 A (DeCARLI, C. et al.) 16 November 1993 (16.11.1993) abstract, column 3, lines 49-51, claim 1.	1-10, 23, 28, 33, 36-38, 44-45, 50-52

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„I“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

26 April 2004 (26.04.2004)

Date of mailing of the international search report

18 June 2004 (18.06.2004)

Name and mailing address of the ISA/AT

Austrian Patent Office

Dresdner Straße 87, A-1200 Vienna

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 46, 47
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
see Extra Sheet
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

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Continuation of Box 1:

The growing range as described on page 18 lines 14-22 of the description does not define the symbol of the mean values of the CSF range. As the additional features introduced in dependent claim 46 refer to said undefined symbol for the mean value of the CSF-range the subject-matter of said dependent claim is rendered unclear such that said claim is a whole not clear and concise. The same deficiency on clarity applies to dependent claim 47, which directly refers to dependent claim 46.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
A			none	
US	A 5262945	1993-11-16	none	